

REMARKS

Applicant appreciates the Examiner's thorough consideration provided in the present application. Claims 1-16 are currently pending in the instant application. Claims 1-6 have been amended. Claims 1 and 9 are independent. Claims 7-16 have been added for the Examiner's consideration. Applicant submits that the subject matter of additional claims 7-16 is fully supported by the original written description, including but not limited to pages 6-10 of the specification and FIGs. 4-6. Reconsideration of the present application is earnestly solicited.

Allowable Subject Matter

Applicant appreciates the Examiner's indication of allowable subject matter. Specifically, the subject matter of claims 4-6 has been indicated as being allowable if rewritten in independent format and/or to overcome the alleged informalities cited by the Examiner. In light of the foregoing amendments to the claims, Applicant respectfully submits that the subject matter of claims 4-8 and 12-16, as indicated by the Examiner, should be allowable.

In addition, Applicant has amended independent claim 1 (and additional independent claim 9) to include the features of the hanging grooves each including both a receiving groove and a settling groove recessed within the

receiving groove. Accordingly, Applicant respectfully submits that all of the rejections have been obviated and/or rendered moot. Applicant submits that claims 1-16 should be allowed and the present application should be passed to issue.

Priority

Applicant appreciates the Examiner's acknowledgment of the receipt of the corresponding certified copy of the priority document.

Claim Rejections Under 35 U.S.C. § 112

Claims 1-6 stand rejected under 35 U.S.C. § 112, second paragraph as allegedly being indefinite due to the presence of alleged informalities with the claims. This rejection is respectfully traversed.

In light of the foregoing amendments to the claims, Applicant respectfully submits that this rejection has been obviated and/or rendered moot. However, Applicant respectfully submits that the foregoing amendments have been made to merely clarify the claimed invention for the benefit of the Examiner.

Without conceding the propriety of the Examiner's rejection, but merely to timely advance the prosecution of the application, Applicant has incorporated the changes recommended by the Examiner. Applicant submits that the requested changes do not appear to either raise a substantial question

of the patentability of the claimed invention nor do they narrow the scope of the claimed invention.

Claim Rejections Under 35 U.S.C. § 102

Claims 1-3 stand rejected under 35 U.S.C. § 102(b) as being anticipated by Park et al. (U.S. Patent No. 5,945,748). This rejection is respectfully traversed.

In light of the foregoing amendments to the claims, Applicant submits that the prior art of record fails to teach or suggest each and every element of the unique combination of elements of the claimed invention of claims 1 and 9. Accordingly, the rejections based upon the Park et al. reference should be withdrawn and the present application should be passed to Issue.

With respect to claim 1, Park et al. fails to teach or suggest each and every element of the unique combination of elements of the claimed invention, including the limitation(s) of: *“a cylindrical, stacked core having a plurality of lamination sheets, wherein each of said lamination sheets extends radially and axially with respect to a longitudinal centerline of said cylindrical, stacked core; a plurality of hanging grooves, wherein each of said hanging grooves includes a receiving groove and a settling groove being recessed and formed within said receiving groove, and at least one of said hanging grooves is respectively provided for each of said lamination sheets; and an elastic ring being elastically*

inserted into and secured within said hanging grooves for securing said lamination sheets to said cylindrical, stacked core.” (emphasis added)
Accordingly, this rejection should be withdrawn.

With respect to additional claim 9, Park et al. fails to teach or suggest each and every element of the unique combination of elements of the claimed invention, including the limitation(s) of: *“a cylindrical, stacked core having a plurality of lamination sheets, wherein each of said lamination sheets extends radially and axially with respect to a longitudinal centerline of said cylindrical, stacked core; a plurality of hanging grooves, wherein each of said hanging grooves includes a receiving groove and a settling groove being recessed and formed within said receiving groove, and at least one of said hanging grooves is respectively provided for each of said lamination sheets; and at least one elastic ring being elastically inserted into and secured within said hanging grooves for securing said lamination sheets to said cylindrical, stacked core.”* (emphasis added)

With respect to Park et al., the caulking grooves (element 120a) of each protruding portion (element 120) engaged with the fixing ring (element 130) are clearly different from the hanging grooves of the claimed invention of claims 1 and 9. As seen and described with respect to FIGs. 11A-B of Park et al., the linear compressor of Park et al. does not teach or suggest the claimed invention. Specifically, “FIGS. 10A and 10B illustrate a lamination system of a

linear compressor according to the present invention, wherein a lamination 100 is provided with a plurality of iron pieces which are radially arrayed, and FIGS. 11A and 11B illustrate the lamination system of the invention wherein the thusly provided lamination 100 is fixed by a fixing ring 130.” (see col. 4, lines 20-35 and FIGs. 11A-B of Park et al.)

Therefore, in accordance with the above discussion of the patents relied upon by the Examiner, Applicant respectfully submits that these documents, either in combination together or standing alone, fail to teach or suggest the invention as is set forth by the claims of the instant application.

Accordingly, reconsideration and withdrawal of the claim rejections is respectfully requested. Moreover, Applicant respectfully submits that the instant application is in a condition for allowance.

As to the dependent claims, Applicant respectfully submits that these claims are allowable due to their dependence upon an allowable independent claim, as well as for additional limitations provided by these claims.

CONCLUSION

Since the remaining patents cited by the Examiner have not been utilized to reject the claims, but rather to merely show the state-of-the-art, no further comments are necessary with respect thereto.

In the event there are any matters remaining in this application, the Examiner is invited to contact Matthew T. Shanley, Registration No. 47,074 at (703) 205-8000 in the Washington, D.C. area.

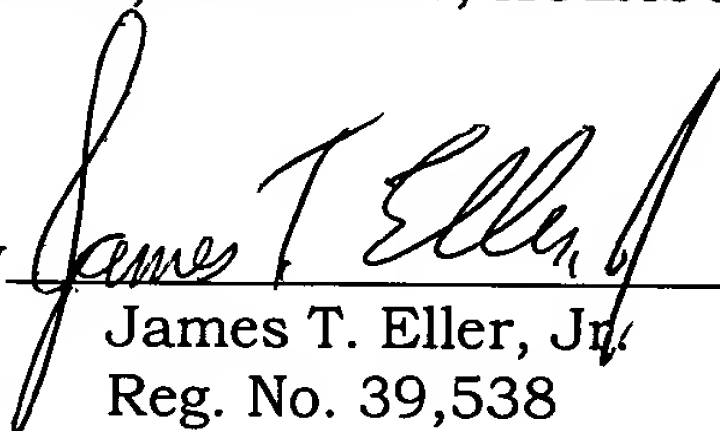
Applicant respectfully petitions under the provisions of 37 C.F.R. § 1.136(a) and § 1.17 for a one-month extension of time in which to respond to the Examiner's Office Action. The Extension of Time Fee in the amount of **\$110.00** is attached hereto.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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